

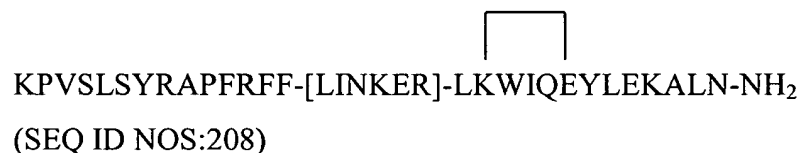
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-32. (Cancelled)

33. (new) A CXCR4 agonist wherein the agonist is H-[Ala<sup>9</sup>-Phe<sup>11</sup>]-SDF-(1-14)-LINKER-cyclo(Lys<sup>56</sup>-Glu<sup>60</sup>)-SDF-(55-67)-NH<sub>2</sub>, having the sequence



wherein the LINKER is of the formula G<sub>1-4</sub> (SEQ ID NO:213) or (CH<sub>2</sub>)<sub>1-20</sub>.

34. (new) A pharmaceutical composition of claim 33 of the formula:



in a pharmaceutically acceptable carrier.

35. (new) A composition of the formula:



in a pharmaceutically acceptable carrier.